August 29, 2006

Amber Harmon
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, CA 94710-2721

RE: Pore Water Investigation Summary
450 East Grand Avenue, South San Francisco, California

Dear Ms. Harmon:

This Pore Water Investigation Summary ("Summary") has been prepared by EnviroAssets, Inc. ("EnviroAssets") on behalf of Cherokee San Francisco & Grand Avenue, L.L.C. ("Cherokee") for the property at 450 E. Grand Avenue, South San Francisco, California ("Property"). The Summary has been prepared in accordance with Corrective Action Consent Agreement ("CACA") P2-00/01-008 under the Department of Toxic Substances Control ("DTSC") Voluntary Cleanup Program.

In response to specific concerns transmitted by the DTSC in its letter dated October 24, 2005 ("Letter"), and during project meetings regarding "porewater" in the sediments where ecological receptors may be exposed to COPECs [Contaminants of Potential Ecological Concern] from groundwater migrating offsite to San Francisco Bay" ("Letter"), EnviroAssets prepared the Pore Water Investigation Workplan ("Workplan", March 24, 2006). The DTSC approved the Workplan with minor changes on May 24, 2006. On July 12, 2006, EnviroAssets completed pore water sampling in accordance with the revised Workplan.

BACKGROUND

The Property was the site of manufacturing activities for over 100 years and it is currently under development by its current owner Slough SSF, LLC ("Slough") for use as biotech office and laboratory space. A series of environmental investigations and corrective actions stretching over multiple decades have been conducted at the Property, including completion of Soil Corrective Actions Completed with Controls in 2000. Since 2000, the DTSC has overseen a Resource Conservation and Recovery Act ("RCRA") Facility Groundwater Investigation ("RFI") including sampling of existing monitoring wells, installation of additional monitoring wells, and discrete shallow groundwater sampling designed to address potential data gaps within the shallow, fill aquifer at the Property. In August 2005, these RFI activities were summarized in the Phase III RCRA Facility Investigation Groundwater Report ("Report", EnviroAssets, August 14, 2005). Within the Report, shallow fill groundwater concentrations were compared against Ecological Screening Values ("ESVs") approved by DTSC. In its review of the Report, DTSC concurred with the Report's conclusion that "the shallow groundwater at the property does not present a risk to human health and the environment" with the exception of potential exposure of benthic

receptors to undiluted concentrations of nickel in shallow groundwater. The pore water sampling was conducted to address this concern.

GEOLOGY

The shallow fill aquifer at the Property is limited in thickness and areal extents, covering former tidal flats along the eastern and southern extents of the Property. The geology depicted on the boring logs for eastern perimeter wells MW-30, -31, and -32 show that each boring encountered fine grained clay near the bottom of the boring. This fine grained material represents the upper horizon of the native material of the former tidal flats, and the containing layer beneath the fill aquifer. This material extends into San Francisco Bay, forming the existing tidal flats bordering the Property.

FIELD ACTIVITIES

Consistent with the Workplan, on July 12, 2006, EnviroAssets collected eleven sediment samples, including a primary/duplicate sample pair from location SED-06, from the biologically active sediment zone at the interface between the groundwater and the San Francisco Bay (Figure 1). The interface is illustrated in the attached Idealized Cross Section (Figure 2). The samples were collected during low tide, when pore water quality would be most influenced by groundwater discharge. The sediments were collected in 2"x24" plastic sample liners advanced within a core barrel sampler modified to minimize loss of flowing sediments upon withdrawal of the sampler from the sediments. The sediments were then transported under chain-of-custody protocol to Columbia Analytical Services ("CAS") in Kelso, Washington. Pore water was extracted from the sediments by centrifuge, filtered, and analyzed for nickel by ICP-MS method 200.8.

GROUNDWATER QUALITY REVIEW

EnviroAssets compared undiluted dissolved concentrations of nickel in pore water to the nickel ESV of 8.2 µg/L. As shown on Table 1, no undiluted concentrations of nickel detected in pore water samples exceeded the ESV. Actual concentrations ranged from 1.68 to 5.65 µg/L, with a 95% upper confidence limit of 3.31 µg/L. The CAS laboratory analytical report is attached.

CONCLUSIONS

The property at 450 East Grand Avenue in South San Francisco, California, has a long and varied industrial and environmental history. In recent decades, industrial activities at the property waned and then ceased altogether, and environmental investigation of soil, and three water bearing groundwater units was conducted. Under the United States Environmental Protection Agency ("EPA"), investigation of the intermediate and deeper groundwater was completed, soil and shallow groundwater issues were separated, and soil Corrective Actions were Completed with Controls in 2000. At that "sensible transition point" (EPA, September 18, 2000), the DTSC assumed lead agency status in order to regulate maintenance of the soil Corrective Action controls and completion of the shallow groundwater Corrective Actions. As

lead agency, the DTSC has overseen RCRA Facility Investigation ("RFI") of shallow groundwater including sampling of existing monitoring wells, installation of additional monitoring wells, and discrete shallow groundwater and pore water sampling designed to address potential data gaps. Rigorous review of these activities and regulatory guidance have led to the selection of ESVs as "the appropriate screening values for this site" (DTSC, December 20, 2002), or site-specific media cleanup objectives.

Evaluation of analytical results from the shallow groundwater and pore water investigations conducted at the Property and ecological screening values for surface water and benthic receptors strongly indicates that the shallow groundwater at the property does not present a risk to human health and the environment. The site-specific media cleanup objectives have been met, and the shallow groundwater at the property does not require any additional action or measures to ensure the remedy remains protective of human health and the environment. Therefore, the shallow groundwater and pore water investigation results at the Property indicate that the Property is suitable for a Corrective Action Complete Without Controls determination. Consequently, we request that the DTSC approve destruction of all remaining monitoring wells at the Property and initiation of the Public Comment process for a Proposed Corrective Action Complete Without Controls Determination.

If you have any questions or require any additional information, please do not hesitate to contact the undersigned.

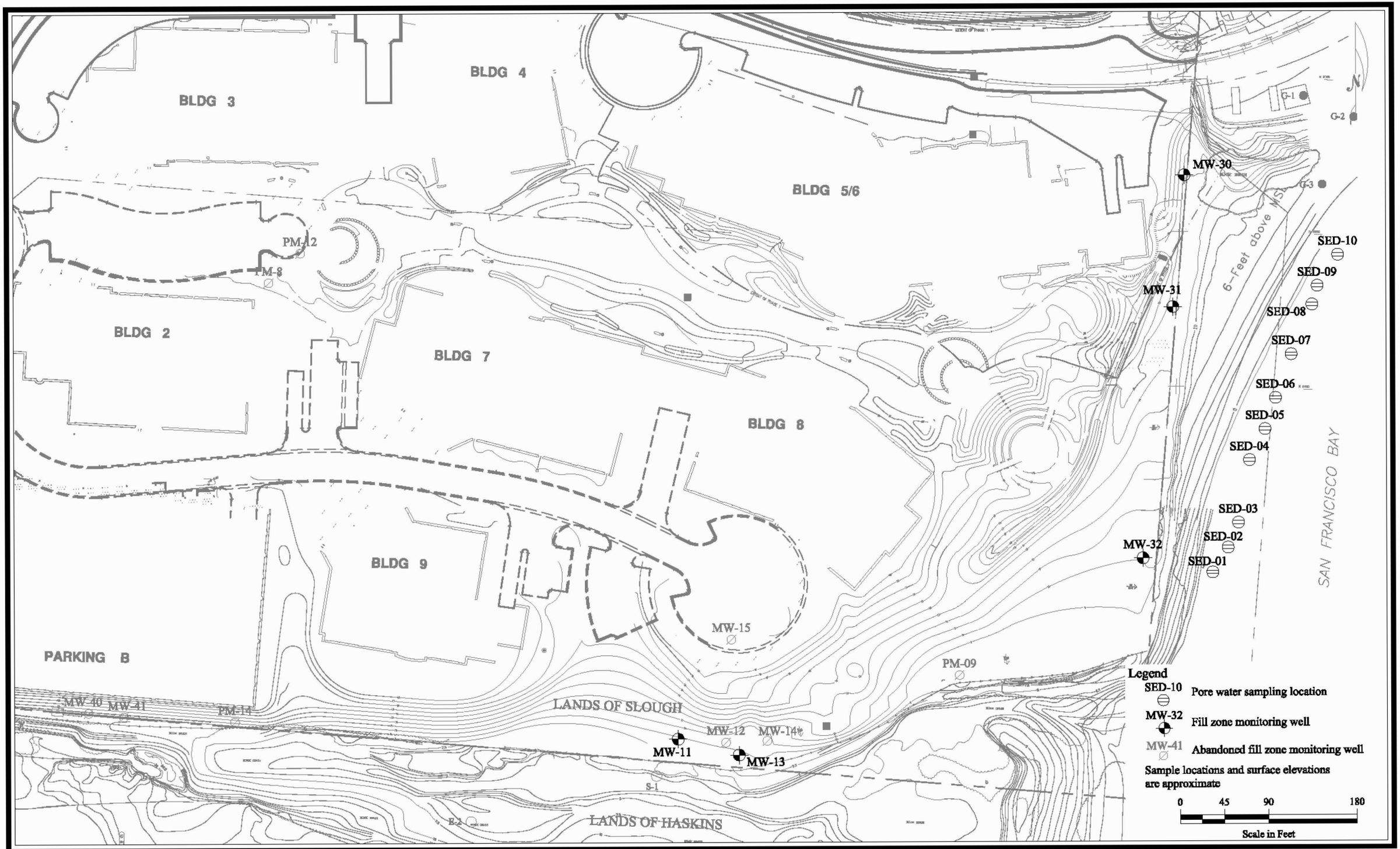
Respectfully Submitted,

Original Signed By

Michael Harrison, P.E.
Principal

Attach.

cc. Michelle Rembaum-Fox, RWQCB
Doug Mosteller, Cherokee
Tom Graf, Slough Estates



EnviroAssets, Inc.
2450 Washington ave., Suite 270
San Leandro, California 94577
V: (510) 346-9500 F: (510) 346-9501

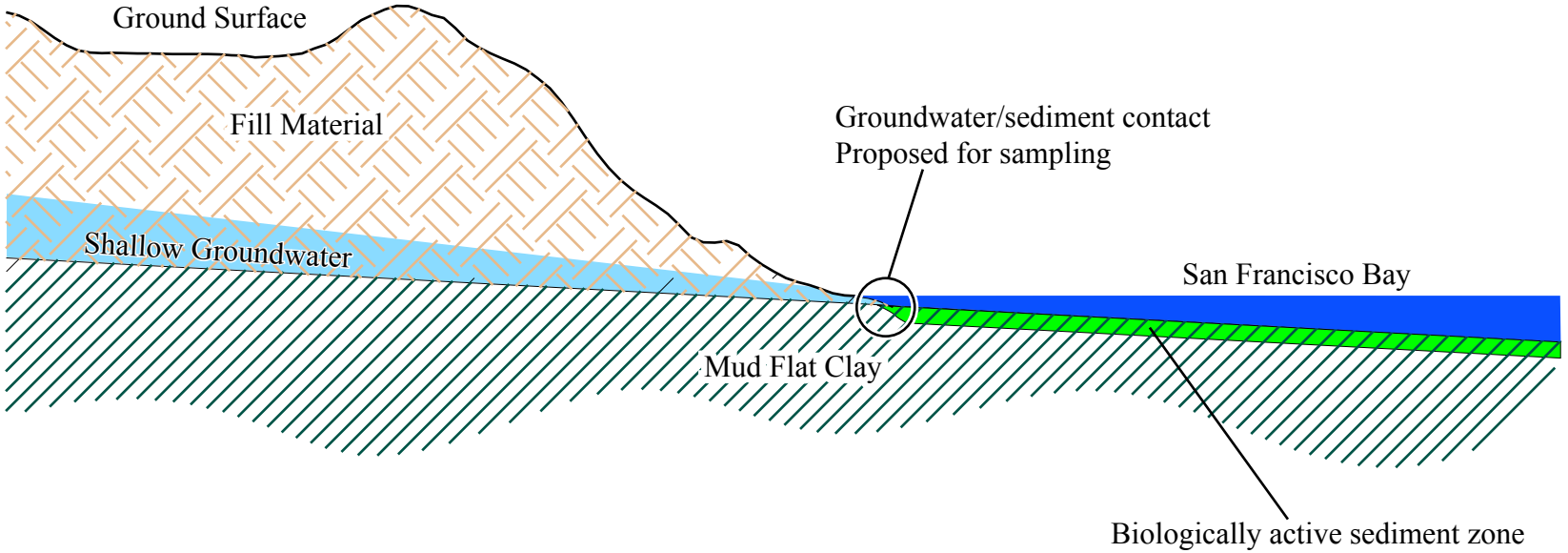
No.	Date	Revision	Approved

Date:	8/22/2006
Drawn:	MH
File Name:	EA4648-06

PROPERTY LAYOUT
Pore Water Sampling Summary
450 E. Grand Avenue
South San Francisco, California

Figure
1
Project
EA008

IDEALIZED CROSS-SECTION



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No.	Date	Revision	Approved

Date:	3/22/2006
Drawn:	MH
File Name:	EA4129-06

IDEALIZED CROSS-SECTION
Pore Water Investigation Summary
450 E. Grand Avenue
South San Francisco, California

Figure	2
Project	EA008

TABLE 1: PORE WATER SAMPLING ANALYTICAL SUMMARY
450 East Grand Avenue
South San Francisco, California

Sample Location	Field Sample ID	Sample Date	Sample Type	Nickel (µg/L)
Environmental Screening Level				**8.2***
SED-01	W-SED-1A	7/12/2006	PRI	3.14
SED-02	W-SED-2A	7/12/2006	PRI	2.45
SED-03	W-SED-3A	7/12/2006	PRI	2.63
SED-04	W-SED-4A	7/12/2006	PRI	2.40
SED-05	W-SED-5A	7/12/2006	PRI	5.65
SED-06	W-SED-6A	7/12/2006	PRI	1.68
SED-06	W-SED-6B	7/12/2006	DUP	1.80
SED-07	W-SED-7A	7/12/2006	PRI	2.40
SED-08	W-SED-8A	7/12/2006	PRI	2.77
SED-09	W-SED-9A	7/12/2006	PRI	2.72
SED-10	W-SED-10A	7/12/2006	PRI	1.70

Note:
PRI Primary sample
DUP Duplicate sample
* U.S. Environmental Protection Agency (EPA). 2000. "Establishment of Numeric Criteria for Priority Toxic Pollutants for the State of California." 40 Code of Federal Regulations Part 131, RIN 2040-AC44. May 18.

1317 South 13th Avenue P.O. Box 479 Kelso, Washington 98626 (360) 577-7222 (360) 636-1068 fax

Columbia Analytical Services INC.
An Employee - Owned Company

August 16, 2006 Service Request No: K0605876

Michael Harrison
EnviroAssets, Inc.
2450 Washington Ave.
Suite 270
San Leandro, CA 94577

RE: Cherokee SSF/EA008.E.02

Dear Michael:

Enclosed are the results of the sample(s) submitted to our laboratory on July 14, 2006. For your reference, these analyses have been assigned our service request number K0605876.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAC standards. Exceptions are noted in the case narrative report where applicable. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3260.

Respectfully submitted,

Columbia Analytical Services, Inc.

Original Signed By

Harvey Jacky
Project Chemist

HJ/lmb

Page 1 of _____

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
B	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.
*	The duplicate analysis not within control limits. See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a chromatographic interference.
X	See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

Case Narrative

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	EnviroAssets	**Service Request No.:**	K0605876
Project:	Cherokee SSF / EA008.E.02	**Date Received:**	7/18/06
Sample Matrix:	Sediment		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Additional quality control analyses reported herein include: Laboratory Duplicate (DUP), Matrix Spike (MS), and Laboratory Control Sample (LCS).

Sample Receipt

Eleven sediment samples were received for analysis at Columbia Analytical Services on 7/18/06. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C/frozen at –20°C upon receipt at the laboratory.

Dissolved Metals in Sediment Pore Water

No anomalies associated with the analysis of these samples were observed.

Approved by HS **Date** 8/16/06

Chain of Custody Documentation

100862

STL San Francisco Chain of Custody

SEVERN TRENT STL

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: 071206-1

Date 7/12/06 Page 1 of 2

Report To

Attn: Michael Harrison
Company: En[illegible]Assets, Inc.
Address: 245[illegible]shington Ave., Su[illegible] 270
Phone: 510.3[illegible]500 Email: mharrison@enviroasset[illegible]
Bill To: Enviro[illegible] Inc. 2450 Washingt[illegible], Suite 270 San Lean[illegible] 94577
Sampled By: [illegible]
Attn: Receiva[illegible]s Phone: 51[illegible]9500

Analysis Request

TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE | Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B | TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other | Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol | Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B | Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624 | Semivolatiles GC/MS ☐ EPA 8270 ☐ 625 | Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total | Pesticides ☐ EPA 8081 ☐ 608; PCBs ☐ EPA 8082 ☐ 608 | PNAs by ☐ 8270 ☐ 8310 | CAM17 Metals (EPA 6010/7470/7471) | Metals: ☐ Lead ☐ LUFT ☐ RCRA ☒ Other: Nickel ICP-MS | Low Level Metals by EPA 200.8/6020 (ICP-MS): | W.E.T (STLC) ☐ TCLP ☐ | Hexavalent Chromium ☐ pH (24h hold time for H_2O) ☐ | Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐ | Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4 | Number of Containers

Sample ID	Date	Time	Preserv.	Metals: Nickel ICP-MS	Number of Containers
W-SED-1A	7/12	834		X	1
W-SED-2	7/12	915		X	1
W-SED-2A	7/12	925	W	X	1
W-SED-[illegible]	7/12	938		X	1
W-SED-[illegible]	7/12	9:48		X	1
W-SED-[illegible]	7/12	1005		X	1
W-SED-[illegible]	7/12	1011		X	1
W-SED-[illegible]	7/12	1018		X	1

N[illegible]e: All sedimen[illegible]amples to be centrifuged with resulting pore water analyzed for nickel

Proje[illegible]nfo.

Project Name: Cherokee SSF
Project#: EA008.E.02
PO#: EA008.E.[illegible]
Credit Card#:

Sampl[illegible]eceipt

\# of Con[illegible]rs:
Head Sp[illegible]
Temp: 2°C
Conform[illegible]ecord:

TAT: (5 Day) [illegible] 48h 24h Other:

Report: ☐ Rou[illegible] ☒ Level 3 ☐ Level 4 ☒ E[illegible] ☐ State Tank Fund EDF ☐ Global ID

Special Instructi[illegible]/Comments:

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Original Signed By	Original Signed By	Original Signed By
Signature / Time	Signature / Time	Signature / Time
Michael Harrison 7/13	[illegible] 7/13/06	Joan Mullen 7-14-06
Printed Name / Date	Printed Name / Date	Printed Name / Date
EnviroAssets	STL-SF	STL SF
Company	Company	Company

1) Received by:	2) Received by:	3) Received by:
Original Signed By	Original Signed By	Original Signed By
Signature / Time	Signature / Time	Signature / Time
[illegible] 7/13/06	T. Bullock 7/13/06	Black 1100
Printed Name / Date	Printed Name / Date	Printed Name / Date
STL-SF	STL-SF	CAS
Company	Company	Company

Original Signed By
Original Signed By
Original Signed By
Original Signed By
Original Signed By
Original Signed By

100862

SEVERN TRENT **STL**

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: 071206-1

Date 7/12/06 Page 2 of 2

Report To

Attn: Mic[illegible]l Harrison
Company: Env[illegible]Assets, Inc.
Address: 2450 [illegible]hington Ave., Sui[illegible]70
Phone: 510.34[illegible]00 Email: mharrison@enviroassets.c
Bill To: EnviroA[illegible]nc. 2450 Washingtor[illegible]Suite 270 San Leand[illegible]94577
Sampled By:
Attn: Receival[illegible] Phone: 510.3[illegible]00

Original Signed By

Analysis Request

Sample ID	Date	Time	Matrix	Pres.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☒ Other: Nickel ICP-MS	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	W.E.T (STLC) ☐ ☐ TCLP	Hexavalent Chromium ☐ ☐ pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions : ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
W-SED -8	7/12	1027	W													X									1
W-SED -9A	7/12	1035	W													X									1
W-SED -10	7/12	1045	W													X									1
W-SED	7/12		W													X									
W-SED	7/12		W													X									
W-SED	7/12		W													X									
W-SED	7/12		W													X									
W-SED	7/12		W													X									

Original Signed By

Note: All sediment samples to be centrifuged with resulting pore water analyzed for nickel

Project Info.

Project Name: Cherokee SSF
Project#: EA008.E.0[illegible]
PO#: EA008.E.0[illegible]
Credit Card#:

Original Signed By

Sample Receipt

of Containers:
Head Spac[illegible]
Temp: °C
Conforms[illegible]cord:

Original Signed By

TAT: 5 Day | 72[illegible] | 48h | 24h | Other:

Report: ☐ Routir[illegible] (Level 3 ☐ Level 4 ☒ EDI State Tank Fund EDF
Special Instruction[illegible]mments: Global ID _____

Original Signed By

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Original Signed By	Original Signed By	Original Signed By
Signature / Time	Signature / Time	Signature / Time
Michael Harrison 7/13	[illegible] 7/13/06	Joan Muller 7-14-06
Printed Name / Date	Printed Name / Date	Printed Name / Date
EnviroAssets	STL-SF	STL SF
Company	Company	Company
1) Received by:	**2) Received by:**	**3) Received by:**
Original Signed By	Original Signed By	Original Signed By
Signature / Time	Signature / Time	Signature / Time
[illegible] 7/13/06	T Bullock 7/13/06	Black 1100
Printed Name / Date	Printed Name / Date	Printed Name / Date
STL-SF	STL-SF	CAS
Company	Company	Company

Columbia Analytical Services Inc.
Cooler Receipt and Preservation Form

PC Harvey

Project/Client ENVIROASSETS, INC. Service Request K06 5876

Cooler received on 7-15-06 and opened on 7-15-06 by AB

1.	Were custody seals on outside of coolers?				Y	(N)
	If yes, how many and where?					
2.	Were custody seals intact?				~~Y~~	~~N~~
3.	Were signature and date present on the custody seals?				~~Y~~	~~N~~
4.	Is the shipper's airbill available and filed? If no, record airbill number:				(Y)	N
5.	COC#					
	Temperature of cooler(s) upon receipt: (°C)	-1.1				
	Temperature Blank: (°C)					
	Were samples hand delivered on the same day as collection?				Y	(N)
6.	Were custody papers properly filled out (ink, signed, etc.)?				(Y)	N
7.	Type of packing material present ICE					
8.	**Did all bottles arrive in good condition (unbroken)?**				(Y)	N
9.	Were all bottle labels complete (i.e analysis, preservation, etc.)?				(Y)	N
10.	Did all bottle labels and tags agree with custody papers?				(Y)	N
11.	**Were the correct types of bottles used for the tests indicated?**				(Y)	N
12.	Were all of the preserved bottles received at the lab with the appropriate pH?				~~Y~~	~~N~~
13.	Were VOA vials checked for absence of air bubbles, and if present, noted below?				~~Y~~	~~N~~
14.	Were the 1631 Mercury bottles checked for absence of air bubbles, and if present, noted below?				~~Y~~	~~N~~
15.	Did the bottles originate from CAS/K or a branch laboratory?				Y	(N)
16.	**Are CWA Microbiology samples received with >1/2 the 24hr. hold time remaining from collection?**				~~Y~~	~~N~~
17.	Was C12/Res negative?				~~Y~~	~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Dissolved Metals

DISSOLVED METALS

- Cover Page -
INORGANIC ANALYSIS DATA PACKAGE

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

Sample No.	Lab Sample ID.
1A WATER	K0605876-012 DISS
2A WATER	K0605876-013 DISS
3A WATER	K0605876-014 DISS
4A WATER	K0605876-015 DISS
5A WATER	K0605876-016 DISS
6A WATER	K0605876-017 DISS
6B WATER	K0605876-018 DISS
7A WATER	K0605876-019 DISS
8A WATER	K0605876-020 DISS
9A WATER	K0605876-021 DISS
10A WATER	K0605876-022 DISS
Method Blank	K0605876-MB
Batch QCD	K0606034-002D
Batch QC2S	K0606034-004S

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Signature: Original Signed by Jeff C. Date: 8/15/06

DISSOLVED METALS
-1-
INORGANIC ANALYSIS DATA SHEET

Client:	EnviroAssets, Inc.	Service Request:	K0605876
Project No.:	EA008.E.02	Date Collected:	07/12/06
Project Name:	Cherokee SSF	Date Received:	07/18/06
Matrix:	WATER	Units:	µG/L
		Basis:	NA

Sample Name: 1A WATER Lab Code: K0605876-012 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.77	0.18	1	8/11/06	8/14/06	3.14		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: EnviroAssets, Inc.
Project No.: EA008.E.02
Project Name: Cherokee SSF
Matrix: WATER

Service Request: K0605876
Date Collected: 07/12/06
Date Received: 07/18/06
Units: µG/L
Basis: NA

Sample Name: 2A WATER
Lab Code: K0605876-013 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.48	0.15	1	8/11/06	8/14/06	2.45		

% Solids: 0.0

Comments:

DISSOLVED METALS
-1-
INORGANIC ANALYSIS DATA SHEET

Client: EnviroAssets, Inc.
Project No.: EA008.E.02
Project Name: Cherokee SSF
Matrix: WATER

Service Request: K0605876
Date Collected: 07/12/06
Date Received: 07/18/06
Units: µG/L
Basis: NA

Sample Name: 3A WATER
Lab Code: K0605876-014 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	0.94	0.09	1	8/11/06	8/14/06	2.63		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client:	EnviroAssets, Inc.	Service Request:	K0605876
Project No.:	EA008.E.02	Date Collected:	07/12/06
Project Name:	Cherokee SSF	Date Received:	07/18/06
Matrix:	WATER	Units:	µG/L
		Basis:	NA

Sample Name: 4A WATER

Lab Code: K0605876-015 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.06	0.11	1	8/11/06	8/14/06	2.40		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: EnviroAssets, Inc.
Project No.: EA008.E.02
Project Name: Cherokee SSF
Matrix: WATER

Service Request: K0605876
Date Collected: 07/12/06
Date Received: 07/18/06
Units: µG/L
Basis: NA

Sample Name: 5A WATER
Lab Code: K0605876-016 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.92	0.19	1	8/11/06	8/14/06	5.65		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: EnviroAssets, Inc.
Project No.: EA008.E.02
Project Name: Cherokee SSF
Matrix: WATER

Service Request: K0605876
Date Collected: 07/12/06
Date Received: 07/18/06
Units: µG/L
Basis: NA

Sample Name: 6A WATER
Lab Code: K0605876-017 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	0.92	0.09	1	8/11/06	8/14/06	1.68		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client:	EnviroAssets, Inc.	Service Request:	K0605876
Project No.:	EA008.E.02	Date Collected:	07/12/06
Project Name:	Cherokee SSF	Date Received:	07/18/06
Matrix:	WATER	Units:	µG/L
		Basis:	NA

Sample Name: 6B WATER

Lab Code: K0605876-018 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.01	0.10	1	8/11/06	8/14/06	1.80		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client:	EnviroAssets, Inc.	Service Request:	K0605876
Project No.:	EA008.E.02	Date Collected:	07/12/06
Project Name:	Cherokee SSF	Date Received:	07/18/06
Matrix:	WATER	Units:	µG/L
		Basis:	NA

Sample Name: 7A WATER

Lab Code: K0605876-019 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	0.97	0.10	1	8/11/06	8/14/06	2.40		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: EnviroAssets, Inc.
Project No.: EA008.E.02
Project Name: Cherokee SSF
Matrix: WATER

Service Request: K0605876
Date Collected: 07/12/06
Date Received: 07/18/06
Units: µG/L
Basis: NA

Sample Name: 8A WATER
Lab Code: K0605876-020 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.20	0.12	1	8/11/06	8/14/06	2.77		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client:	EnviroAssets, Inc.	Service Request:	K0605876
Project No.:	EA008.E.02	Date Collected:	07/12/06
Project Name:	Cherokee SSF	Date Received:	07/18/06
Matrix:	WATER	Units:	µG/L
		Basis:	NA

Sample Name: 9A WATER

Lab Code: K0605876-021 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.30	0.13	1	8/11/06	8/14/06	2.72		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client:	EnviroAssets, Inc.	Service Request:	K0605876
Project No.:	EA008.E.02	Date Collected:	07/12/06
Project Name:	Cherokee SSF	Date Received:	07/18/06
Matrix:	WATER	Units:	µG/L
		Basis:	NA

Sample Name: 10A WATER

Lab Code: K0605876-022 DISS

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	1.19	0.12	1	8/11/06	8/14/06	1.70		

% Solids: 0.0

Comments:

DISSOLVED METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: EnviroAssets, Inc.
Service Request: K0605876
Project No.: EA008.E.02
Date Collected:
Project Name: Cherokee SSF
Date Received:
Matrix: WATER
Units: µG/L
Basis: NA

Sample Name: Method Blank
Lab Code: K0605876-MB

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Nickel	200.8	0.20	0.02	1	8/11/06	8/14/06	0.02	U	

% Solids: 0.0

Comments:

METALS
- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

ICV Source: Inorganic Ventures CCV Source: Various

Concentration Units: ug/I

Analyte	Initial Calibration			Continuing Calibration					Method
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Nickel	25.0	25.0	100	25.0	24.5	98	24.5	98	200.8

METALS
- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

ICV Source: CCV Source: Various

Concentration Units: ug/I

Analyte	Initial Calibration			Continuing Calibration					Method
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Nickel				25.0	24.1	96			200.8

METALS
- 2b -
CRDL STANDARD FOR AA AND ICP

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

Concentration Units: ug/I

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Nickel				2.0	2.00	100		

METALS
- 3 -
BLANKS

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	Method
Nickel	0.20	U	0.20	U	0.20	U	0.20	U			200.8

METALS
- 5a -
SPIKE SAMPLE RECOVERY

Client: EnviroAssets, Inc.
Service Request: K0605876
Project No.: EA008.E.02
Units: µg/L
Project Name: Cherokee SSF
Basis: NA
Matrix: WATER
% Solids: 0.0

Sample Name: Batch QC2S
Lab Code: K0606034-004S

Analyte	Control Limit %R	Spike Result	C	Sample Result	C	Spike Added	%R	Q	Method
Nickel	59 - 127	7.60		1.61		6.67	90		200.8

An empty field in the Control Limit column indicates the control limit is not applicable.

METALS
- 6 -
DUPLICATES

Client: EnviroAssets, Inc.
Service Request: K0605876
Project No.: EA008.E.02
Units: µg/L
Project Name: Cherokee SSF
Basis: NA
Matrix: WATER
% Solids: 0.0

Sample Name:Batch QCD
Lab Code: K0606034-002D

Analyte	Control Limit(%)	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Nickel	20	4.27		4.18		2		200.8

An empty field in the Control Limit column indicates the control limit is not applicable.

DISSOLVED METALS

- 7 -

LABORATORY CONTROL SAMPLE

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

Aqueous LCS Source: Inorganic Ventures Solid LCS Source:

Analyte	Aqueous ug/L			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Nickel	2.00	1.99	100					

METALS

-10-

METHOD DETECTION LIMITS

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

ICP/ICP-MS ID #: Excell ICPMS

GFAA ID #: AA ID #:

Analyte	Mass	Back-ground	MRL (ug/L)	MDL (ug/L)	Method
Nickel	60		2.00	0.20	200.8

Comments _____

METALS

-12-

ICP LINEAR RANGES (QUARTERLY)

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

ICP ID Number: Excell ICPMS

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Nickel	15.00	500.0	200.8

Comments:

DISSOLVED METALS
- 13 -
PREPARATION LOG

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Cherokee SSF

Method: MS

Lab Code	Preparation Date	Preparation Method	Initial (mL or grams)	Final Volume (mL)
K0605876-022 DI	8/11/06	RED PPTN	168	100
K0605876-012 DI	8/11/06	RED PPTN	113	100
K0605876-013 DI	8/11/06	RED PPTN	135	100
K0605876-014 DI	8/11/06	RED PPTN	214	100
K0605876-015 DI	8/11/06	RED PPTN	188	100
K0605876-016 DI	8/11/06	RED PPTN	104	100
K0605876-017 DI	8/11/06	RED PPTN	217	100
K0605876-018 DI	8/11/06	RED PPTN	199	100
K0605876-019 DI	8/11/06	RED PPTN	207	100
K0605876-020 DI	8/11/06	RED PPTN	166	100
K0605876-021 DI	8/11/06	RED PPTN	154	100
K0606034-004S	8/11/06	RED PPTN	300	100
K0606034-002D	8/11/06	RED PPTN	300	100
LCSW	8/11/06	RED PPTN	1,000	100
K0605876-MB	8/11/06	RED PPTN	1,000	100

METALS
- 14 -
ANALYSIS RUN LOG

Client: EnviroAssets, Inc. Service Request: K0605876

Project No.: EA008.E.02

Project Name: Cherokee SSF

Instrument ID Number: Excell ICPMS Method: MS

Start Date: 8/14/06 End Date: 8/14/06

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CALIBRATION BLANK	1.00	13:59																	X								
25 PPB STD. MS9-47-A	1.00	14:01																	X								
ICV	1.00	14:02																	X								
CCV1	1.00	14:04																	X								
ICB	1.00	14:05																	X								
CCB1	1.00	14:06																	X								
CRA	1.00	14:07																	X								
K0605876-MB	1.00	14:09																	X								
LCSW	1.00	14:10																	X								
ZZZZZZ	1.00	14:11																									
K0606034-002D	1.00	14:13																	X								
ZZZZZZ	1.00	14:14																									
K0606034-004S	1.00	14:15																	X								
K0605876-012	1.00	14:16																	X								
K0605876-013	1.00	14:17																	X								
K0605876-014	1.00	14:18																	X								
CCV2	1.00	14:19																	X								
CCB2	1.00	14:21																	X								
K0605876-015	1.00	14:23																	X								
K0605876-016	1.00	14:24																	X								
K0605876-017	1.00	14:25																	X								
K0605876-018	1.00	14:26																	X								
K0605876-019	1.00	14:26																	X								
K0605876-020	1.00	14:27																	X								
K0605876-021	1.00	14:28																	X								
K0605876-022	1.00	14:29																	X								
CCV3	1.00	14:30																	X								
CCB3	1.00	14:32																	X								

* - Denotes additional elements (other than the standard elements) are represented on another Form 14